

SECTION 07 42 43 {07430}

COMPOSITE WALL PANELS

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This section includes preformed, prefinished metal panel system, usually with primary components shop assembled, in panels of horizontal or vertical profile, insulated, with metal backing sheet functioning as air and vapor retarder in addition to structural attachment, applied to sub-girt framing system or building structural framing system. Special metals and metals requiring site finishing can be edited into this section.

Composite metal building panel systems are manufactured in various materials, finishes, accessories, panel and joint configurations and installation methods. This section provides basic outline for a comprehensive system section.

Refer to Section 07 42 13 {07468} for site installed siding system as single assembly or applied over wall surface substrate. Related products such as windows, firestopping, air barrier, vapor retarders, and sealant can be referenced from this section or included with detailed statements.

Manufacturers listed in this section were identified as representative and not as an endorsement for meeting this specification. For additional product information, visit 4Specs at www.4specs.com, ARCAT at www.arcata.com, First Source at www.reedfirstsource.com, SpecSource at www.specsource.com, and Sweets Network at products.construction.com.

This section includes performance, proprietary, and descriptive type specifications. Edit to avoid conflicting requirements.

Contact the CSRF Support Center at supportcenter@csrf.org to submit comments or suggestions for improvements to this specification. Visit the SPECTEXT web site at www.spectext.com for current product announcements.

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes preformed metal panel system for walls [and soffits], with [insulation,] [liners,] related flashings and accessory components.

B. Related Sections:

List sections specifying installation of products specified in this section; indicate specific items.

1. Section 03 10 00 - Concrete Forming and Accessories: Execution requirements for anchors in concrete work for attachment of panel components specified by this section.

2. Section 04 20 00 - Unit Masonry: Execution requirements for anchors in masonry work for attachment of panel components specified by this section.
3. Section 05 12 00 - Structural Steel Framing: Structural steel building frame.
4. Section 05 40 00 - Cold-Formed Metal Framing: Stud wall framing system.
5. Section 07 21 13 - Board Insulation.
6. Section 07 21 16 - Blanket Insulation.
7. Section 07 26 00 - Vapor Retarders.
8. Section 07 27 00 - Air Barriers.
9. Section 07 42 13 - Metal Wall Panels.
10. Section 07 62 00 - Sheet Metal Flashing and Trim [including] [metal cap flashing over panels] [metal coping].
11. Section 07 84 00 - Firestopping.
12. Section 07 90 00 - Joint Protection.
13. Section 08 51 13 - Aluminum Windows.
14. Section [09 24 00 - Portland Cement Plastering]: Soffits.
15. Section 13 34 19 - Metal Building Systems: Building framing system.

C. Related Sections:

1. Section 05120 - Structural Steel: Structural steel building frame.
2. Section 05400 - Cold-Formed Metal Framing: Stud wall framing system.
3. Section 07212 - Board Insulation.
4. Section 07213 - Batt Insulation.
5. Section 07260 - Vapor Retarders.
6. Section 07270 - Air Barriers.
7. Section 07468 - Metal Siding.
8. Section 07620 - Sheet Metal Flashing and Trim [including] [metal cap flashing over panels] [metal coping].
9. Section 07840 - Firestopping.
10. Section 07900 - Joint Sealers.
11. Section 08520 - Aluminum Windows.
12. Section [09220 - Portland Cement Plaster]: Soffits.
13. Section 13121 - Pre-Engineered Buildings: Building framing system.

List sections specifying installation of products specified in this section; indicate specific items.

14. Section 03100 - Concrete Forms and Accessories: Execution requirements for anchors in concrete work for attachment of panel components specified by this section.
15. Section 04810 - Unit Masonry Assemblies: Execution requirements for anchors in masonry work for attachment of panel components specified by this section.

1.2 REFERENCES

List reference standards included within text of this section. Edit the following for Project conditions.

A. Aluminum Association:

1. AA ADM 1 - Aluminum Design Manual.